



COMMONWEALTH OF KENTUCKY JOB CLASS SPECIFICATION

ENGINEER I

Job Number: 20001403

Job Code: 70370V161016

Job Group: 7000 - ENGINEERING AND GEOLOGICAL

Job Established: 06/16/1982

Job Revised: 10/16/2016

Grade: 15 Salary (MIN - MID):

\$19,882-\$26,339 - Hourly

\$3,230.84-\$4,280.10 - 37.5 Hr. Monthly Salary

\$3,446.22-\$4,565.44 - 40 Hr. Monthly Salary

Special Entrance Rate:

\$22,370 - Hourly

\$3,635.00 - 37.5 Hr. Monthly Salary

\$3,877.48 - 40 Hr. Monthly Salary

PROBATIONARY PERIOD:

This job has an initial and promotional probationary period of 6 months. For additional information refer to: <http://www.lrc.ky.gov/kar/101/001/325.htm>.

CHARACTERISTICS OF THE JOB: *Characteristics of a job are general statements indicating the level of responsibility and discretion of positions in that job classification. These are not intended to be an exhaustive list.*

Performs professional engineering work in the review, design, construction and maintenance of facilities or structures; manages and oversees activities of engineering projects and/or programs. Applies engineering principles to produce computerized engineering reports, plans and drawings; and performs other duties as required.

MINIMUM REQUIREMENTS:

EDUCATION:

See Special Requirements.

EXPERIENCE:

NONE

Substitute EDUCATION for EXPERIENCE:

NONE

Substitute EXPERIENCE for EDUCATION:

NONE

SPECIAL REQUIREMENTS (AGE, LICENSURE, REGULATION, ETC.):

Must be licensed as a professional engineer by the State Board of Licensure for Professional Engineers and Land Surveyors. <http://kyboels.ky.gov/> Must maintain any required licensure(s), certification(s), or other credentials for the length of employment in this classification. Employing agency is responsible for ensuring employee possesses and maintains required licensure(s), certification(s) or other credentials.

EXAMPLES OF DUTIES OR RESPONSIBILITIES OF THE JOB CLASSIFICATION: *Examples of duties or responsibilities are not to be construed as describing what the duties or responsibilities of any position shall be and are not to be construed as limiting the appointing authority's ability to assign, or otherwise alter the duties and responsibilities of a position. This is not intended to be an exhaustive list.*

Develops specifications, design drawings and guidelines for the construction or renovation of structures or facilities. Reviews architectural, mechanical and electrical plans and specifications in all stages of submission for compliance with applicable codes and regulations. Estimates project costs and monitors costs throughout the project to avoid overruns. Inspects and supervises the inspection of construction projects to insure compliance with plans and specifications. Applies engineering principles to produce computerized engineering reports, plans and drawings. Writes and/or modifies computer programs for engineering projects. Interprets regulations and policies for contractors and departmental personnel. Makes recommendations concerning implementation or revision in departmental regulations and policies. Prepares engineering correspondence and policy memos. Directs or coordinates the work of construction and survey crews, contractors and other professional, technical and sub professional personnel. Monitors the efficient use of office supplies, maps, drafting and survey equipment. Operates various engineering equipment, office machinery, mainframe and personal computers and Calcomp plotters. Must accurately perform highly technical work under strict construction deadlines while maintaining reasonable project costs. Prepares, reviews and maintains engineering reports, survey documents, contracts and construction drawings. Regularly confers on technical and operational problems with contractors, material and supply vendors, local, state and federal officials and other engineering professionals. Performs duties in the office and outdoors. Travels throughout the state to project sites in areas which are subject to heat, cold, dust, noise and the hazards encountered around construction sites.

UNIQUE PHYSICAL REQUIREMENTS:

TYPICAL WORKING CONDITIONS: *Incumbents in the job will typically perform their job duties under these conditions.*

Work is typically performed in both an office setting and in the field making on-site inspections. Some hazardous conditions may exist at construction sites and surveying hazardous terrain. Extensive travel may be required.

ADDITIONAL REQUIREMENTS:

Upon appointment, employees in this class may be required to maintain a valid driver's license and required to drive a licensed vehicle. This status may be necessary for the length of time in this class. If this is necessary it will be listed in the specific position description for that position. Applicants and employees in this job title may be required to submit to a drug screening test and background check. Applicants and employees in positions which perform job duties that may require contact with offenders in the custody or supervision of the Department of Corrections or with youth in the care, custody, or supervision of the Department of Juvenile Justice must meet qualifications pursuant to the federal Prison Rape Elimination Act, 28 C.F.R.115.17 and 115.317.

THE COMMONWEALTH OF KENTUCKY DOES NOT DISCRIMINATE ON THE BASIS OF RACE, COLOR, RELIGION, SEX, NATIONAL ORIGIN, SEXUAL ORIENTATION OR GENDER IDENTITY, ANCESTRY, AGE, DISABILITY, POLITICAL AFFILIATION, GENETIC INFORMATION OR VETERAN STATUS IN ACCORDANCE WITH STATE AND FEDERAL LAWS.